

Alamance	0105-CDLF-1998	CD	Alexander	0201-CDLF-1997	CD	Avery	0603-CDLF-1996	CD
Cobles C&D Landfill			Alexander County CDLF			Avery County C&D Landfill		
Open Date	9/25/1998		Open Date	1/1/1998		Open Date	7/1/1996	
Survey Date	6/17/2019		Survey Date	6/11/2019		Survey Date	2/4/2019	
Years Open	20.7		Years Open	21.4		Years Open	22.6	
Fiscal Year Tons	19,487.16		Fiscal Year Tons	3,205.04		Fiscal Year Tons	2,991.28	
Total Tons Disposed to Date	706,513.00		Total Tons Disposed to Date	62,611.00		Total Tons Disposed to Date	34,167.00	
* Average Tons per Year	34,089.02		* Average Tons per Year	2,920.27		* Average Tons per Year	1,512.12	
Volume Used	1,109,658		Volume Used	133,444		Volume Used	101,335	
Volume Constructed	1,255,963		Volume Constructed	130,296		Volume Constructed	201,250	
Total Permitted Volume	6,935,903		Total Permitted Volume	243,532		Total Permitted Volume	228,450	
* Compaction Density	0.64		* Compaction Density	0.47		* Compaction Density	0.34	
* Remaining Volume for Future Construction	146,305		* Remaining Volume for Future Construction	-3,148		* Remaining Volume for Future Construction	99,915	
* Remaining Permitted Volume	5,826,245		* Remaining Permitted Volume	110,088		* Remaining Permitted Volume	127,115	
* Approximate Constructed Remaining in Tons	93,151.6		* Approximate Constructed Remaining in Tons	-1,477.0		* Approximate Constructed Remaining in Tons	33,688.2	
* Approximate Constructed Remaining in Years	2.7		* Approximate Constructed Remaining in Years	-0.5		* Approximate Constructed Remaining in Years	22.3	
* Remaining Constructed in Fiscal Year Tons	4.8		* Remaining Constructed in Fiscal Year Tons	-0.5		* Remaining Constructed in Fiscal Year Tons	11.3	
* Approximate Total Permitted Volume Remaining in Tons	3,709,537		* Approximate Total Permitted Volume Remaining in Tons	51,653		* Approximate Total Permitted Volume Remaining in Tons	42,859	
* Approximate Total Permitted Volume Remaining in Years	108.8		* Approximate Total Permitted Volume Remaining in Years	17.7		* Approximate Total Permitted Volume Remaining in Years	28.3	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	190.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	16.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	14.3	
Brunswick	1007-CDLF-1997	CD	Buncombe	1107-CDLF-1998	CD	Cabarrus	1302-CDLF-2006	CD
Brunswick County CDLF			Buncombe County C&D Unit			Cabarrus County CDLF		
Open Date	7/1/1998		Open Date	1/21/1998		Open Date	12/5/2006	
Survey Date	7/17/2019		Survey Date	5/13/2019		Survey Date	5/31/2019	
Years Open	21.0		Years Open	21.3		Years Open	12.5	
Fiscal Year Tons	25,839.65		Fiscal Year Tons	33,760.39		Fiscal Year Tons	19,803.70	
Total Tons Disposed to Date	660,438.00		Total Tons Disposed to Date	723,226.00		Total Tons Disposed to Date	314,713.14	
* Average Tons per Year	31,384.98		* Average Tons per Year	33,944.78		* Average Tons per Year	25,208.11	
Volume Used	987,429		Volume Used	1,135,581		Volume Used	555,404	
Volume Constructed	1,045,235		Volume Constructed	1,194,600		Volume Constructed	711,255	
Total Permitted Volume	1,146,100		Total Permitted Volume	2,574,600		Total Permitted Volume	876,581	
* Compaction Density	0.67		* Compaction Density	0.64		* Compaction Density	0.57	
* Remaining Volume for Future Construction	57,806		* Remaining Volume for Future Construction	59,019		* Remaining Volume for Future Construction	155,851	
* Remaining Permitted Volume	158,671		* Remaining Permitted Volume	1,439,019		* Remaining Permitted Volume	321,177	
* Approximate Constructed Remaining in Tons	38,663.3		* Approximate Constructed Remaining in Tons	37,587.9		* Approximate Constructed Remaining in Tons	88,311.1	
* Approximate Constructed Remaining in Years	1.2		* Approximate Constructed Remaining in Years	1.1		* Approximate Constructed Remaining in Years	3.5	
* Remaining Constructed in Fiscal Year Tons	1.5		* Remaining Constructed in Fiscal Year Tons	1.1		* Remaining Constructed in Fiscal Year Tons	4.5	
* Approximate Total Permitted Volume Remaining in Tons	106,126		* Approximate Total Permitted Volume Remaining in Tons	916,479		* Approximate Total Permitted Volume Remaining in Tons	181,991	
* Approximate Total Permitted Volume Remaining in Years	3.4		* Approximate Total Permitted Volume Remaining in Years	27.0		* Approximate Total Permitted Volume Remaining in Years	7.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	4.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	27.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	9.2	

* Calculation equations described on last page of this report.

Cabarrus	1306-CDLF-2000	CD	Catawba	1803-CDLF-	CD	Cleveland	2301-CDLF-1997	CD
Highway 49 C&D Landfill & Recycling Greenway Waste			Blackburn Resource Recovery Facility			Cleveland County CDLF		
Open Date	4/4/2000		Open Date	10/1/2002		Open Date	1/1/1998	
Survey Date	7/30/2018		Survey Date	6/10/2019		Survey Date	7/16/2019	
Years Open	18.3		Years Open	16.7		Years Open	21.5	
Fiscal Year Tons	114,347.54		Fiscal Year Tons	37,074.65		Fiscal Year Tons	102,901.55	
Total Tons Disposed to Date	1,695,460.00		Total Tons Disposed to Date	527,097.05		Total Tons Disposed to Date	1,044,745.00	
* Average Tons per Year	92,552.20		* Average Tons per Year	31,581.73		* Average Tons per Year	48,511.71	
Volume Used	2,408,811		Volume Used	892,591		Volume Used	1,120,791	
Volume Constructed	3,087,375		Volume Constructed	1,449,000		Volume Constructed	1,055,070	
Total Permitted Volume	5,995,188		Total Permitted Volume	1,449,000		Total Permitted Volume	1,128,638	
* Compaction Density	0.70		* Compaction Density	0.59		* Compaction Density	0.93	
* Remaining Volume for Future Construction	678,564		* Remaining Volume for Future Construction	556,409		* Remaining Volume for Future Construction	-65,721	
* Remaining Permitted Volume	3,586,377		* Remaining Permitted Volume	556,409		* Remaining Permitted Volume	7,847	
* Approximate Constructed Remaining in Tons	477,612.4		* Approximate Constructed Remaining in Tons	328,573.3		* Approximate Constructed Remaining in Tons	-61,261.8	
* Approximate Constructed Remaining in Years	5.2		* Approximate Constructed Remaining in Years	10.4		* Approximate Constructed Remaining in Years	-1.3	
* Remaining Constructed in Fiscal Year Tons	4.2		* Remaining Constructed in Fiscal Year Tons	8.9		* Remaining Constructed in Fiscal Year Tons	-0.6	
* Approximate Total Permitted Volume Remaining in Tons	2,524,299		* Approximate Total Permitted Volume Remaining in Tons	328,573		* Approximate Total Permitted Volume Remaining in Tons	7,315	
* Approximate Total Permitted Volume Remaining in Years	27.3		* Approximate Total Permitted Volume Remaining in Years	10.4		* Approximate Total Permitted Volume Remaining in Years	0.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	22.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	8.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons	0.1	
Cumberland	2601-CDLF-1997	CD	Dare	2803-CDLF-1995	CD	Edgecombe	3301-CDLF-1997	CD
Cumberland County C&D Unit			Dare County C&D Landfill			Edgecombe County CDLF		
Open Date	1/1/1998		Open Date	11/15/1995		Open Date	12/30/1997	
Survey Date	6/14/2019		Survey Date	4/30/2019		Survey Date	7/1/2019	
Years Open	21.4		Years Open	23.5		Years Open	21.5	
Fiscal Year Tons	61,290.79		Fiscal Year Tons	13,463.79		Fiscal Year Tons	9,862.57	
Total Tons Disposed to Date	706,820.00		Total Tons Disposed to Date	398,963.00		Total Tons Disposed to Date	454,499.00	
* Average Tons per Year	32,954.56		* Average Tons per Year	17,009.60		* Average Tons per Year	21,139.15	
Volume Used	1,116,020		Volume Used	1,025,694		Volume Used	835,970	
Volume Constructed	1,139,954		Volume Constructed	1,478,100		Volume Constructed	1,700,000	
Total Permitted Volume	1,973,584		Total Permitted Volume	3,044,300		Total Permitted Volume	1,700,000	
* Compaction Density	0.63		* Compaction Density	0.39		* Compaction Density	0.54	
* Remaining Volume for Future Construction	23,934		* Remaining Volume for Future Construction	452,406		* Remaining Volume for Future Construction	864,030	
* Remaining Permitted Volume	857,564		* Remaining Permitted Volume	2,018,606		* Remaining Permitted Volume	864,030	
* Approximate Constructed Remaining in Tons	15,158.4		* Approximate Constructed Remaining in Tons	175,971.8		* Approximate Constructed Remaining in Tons	469,754.6	
* Approximate Constructed Remaining in Years	0.5		* Approximate Constructed Remaining in Years	10.3		* Approximate Constructed Remaining in Years	22.2	
* Remaining Constructed in Fiscal Year Tons	0.2		* Remaining Constructed in Fiscal Year Tons	13.1		* Remaining Constructed in Fiscal Year Tons	47.6	
* Approximate Total Permitted Volume Remaining in Tons	543,130		* Approximate Total Permitted Volume Remaining in Tons	785,175		* Approximate Total Permitted Volume Remaining in Tons	469,755	
* Approximate Total Permitted Volume Remaining in Years	16.5		* Approximate Total Permitted Volume Remaining in Years	46.2		* Approximate Total Permitted Volume Remaining in Years	22.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	8.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons	58.3		* Approximate Total Tonnage Remaining in Fiscal Year Tons	47.6	

* Calculation equations described on last page of this report.

NC DEQ: Waste Management Solid Waste Section
Landfill Capacity Report for Fiscal Year 2018-19

Forsyth	3412-CDLF-1995	CD	Gaston	3606-CDLF-1995	CD	Greene	4002-CDLF-1997	CD
Winston-Salem, City of Old Salisbury Road CDLF			Gaston County C&D Landfill			Greene County CDLF		
Open Date	8/1/1996		Open Date	2/5/1999		Open Date	1/1/1998	
Survey Date	1/5/2019		Survey Date	6/27/2019		Survey Date	6/19/2019	
Years Open	22.4		Years Open	20.4		Years Open	21.5	
Fiscal Year Tons	57,937.68		Fiscal Year Tons	76,965.27		Fiscal Year Tons	3,387.99	
Total Tons Disposed to Date	1,528,021.00		Total Tons Disposed to Date	1,021,788.69		Total Tons Disposed to Date	42,621.00	
* Average Tons per Year	68,128.62		* Average Tons per Year	50,115.26		* Average Tons per Year	1,985.88	
Volume Used	2,956,680		Volume Used	1,514,768		Volume Used	164,129	
Volume Constructed	4,030,000		Volume Constructed	1,482,196		Volume Constructed	471,466	
Total Permitted Volume	4,030,000		Total Permitted Volume	1,482,196		Total Permitted Volume	471,466	
* Compaction Density	0.52		* Compaction Density	0.67		* Compaction Density	0.26	
* Remaining Volume for Future Construction	1,073,320		* Remaining Volume for Future Construction	-32,572		* Remaining Volume for Future Construction	307,337	
* Remaining Permitted Volume	1,073,320		* Remaining Permitted Volume	-32,572		* Remaining Permitted Volume	307,337	
* Approximate Constructed Remaining in Tons	554,695.0		* Approximate Constructed Remaining in Tons	-21,971.5		* Approximate Constructed Remaining in Tons	79,809.2	
* Approximate Constructed Remaining in Years	8.1		* Approximate Constructed Remaining in Years	-0.4		* Approximate Constructed Remaining in Years	40.2	
* Remaining Constructed in Fiscal Year Tons	9.6		* Remaining Constructed in Fiscal Year Tons	-0.3		* Remaining Constructed in Fiscal Year Tons	23.6	
* Approximate Total Permitted Volume Remaining in Tons	554,695		* Approximate Total Permitted Volume Remaining in Tons	-21,971		* Approximate Total Permitted Volume Remaining in Tons	79,809	
* Approximate Total Permitted Volume Remaining in Years	8.1		* Approximate Total Permitted Volume Remaining in Years	-0.4		* Approximate Total Permitted Volume Remaining in Years	40.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	9.6		* Approximate Total Tonnage Remaining in Fiscal Year Tons	-0.3		* Approximate Total Tonnage Remaining in Fiscal Year Tons	23.6	
Guilford	4103-CDLF-1998	CD	Guilford	4116-CDLF-2012	CD	Guilford	4117-CDLF-2008	CD
Greensboro, City of White Street Landfill			Landfill, LLC, a wholly owned subsidiary of Waste Indu			A-1 Sandrock C&D Landfill		
Open Date	1/1/1998		Open Date			Open Date	4/19/2009	
Survey Date	6/11/2019		Survey Date	1/6/2018		Survey Date	5/15/2019	
Years Open	21.4		Years Open			Years Open	10.1	
Fiscal Year Tons	44,980.01		Fiscal Year Tons	51,118.15		Fiscal Year Tons	108,030.09	
Total Tons Disposed to Date	46,107.00		Total Tons Disposed to Date	1,168,185.50		Total Tons Disposed to Date	823,760.60	
* Average Tons per Year	2,150.50		* Average Tons per Year			* Average Tons per Year	81,804.94	
Volume Used	87,060		Volume Used	1,707,027		Volume Used	1,349,825	
Volume Constructed	2,370,000		Volume Constructed			Volume Constructed	1,273,815	
Total Permitted Volume	2,370,000		Total Permitted Volume			Total Permitted Volume	2,240,000	
* Compaction Density	0.53		* Compaction Density	0.68		* Compaction Density	0.61	
* Remaining Volume for Future Construction	2,282,940		* Remaining Volume for Future Construction			* Remaining Volume for Future Construction	-76,010	
* Remaining Permitted Volume	2,282,940		* Remaining Permitted Volume			* Remaining Permitted Volume	890,175	
* Approximate Constructed Remaining in Tons	1,209,045.7		* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons	-46,386.8	
* Approximate Constructed Remaining in Years	562.2		* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years	-0.6	
* Remaining Constructed in Fiscal Year Tons	26.9		* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons	-0.4	
* Approximate Total Permitted Volume Remaining in Tons	1,209,046		* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons	543,249	
* Approximate Total Permitted Volume Remaining in Years	562.2		* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years	6.6	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	26.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons	5.0	

* Calculation equations described on last page of this report.

Halifax	4204-CDLF-1998	CD	Harnett	4302-CDLF-1998	CD	Harnett	4303-CDLF-1997	CD
Halifax County Landfill			Harnett County CDLF			Harnett Co. Anderson Creek C&D Landfill		
Open Date	1/1/1998		Open Date	1/1/1998		Open Date	12/1/1996	
Survey Date	7/12/2019		Survey Date	6/25/2019		Survey Date	6/25/2019	
Years Open	21.5		Years Open	21.5		Years Open	22.6	
Fiscal Year Tons	4,986.02		Fiscal Year Tons	19,621.14		Fiscal Year Tons	13,856.31	
Total Tons Disposed to Date	102,129.00		Total Tons Disposed to Date	357,663.00		Total Tons Disposed to Date	216,541.00	
* Average Tons per Year	4,744.67		* Average Tons per Year	16,652.19		* Average Tons per Year	9,597.33	
Volume Used	131,267		Volume Used	723,583		Volume Used	573,049	
Volume Constructed	131,267		Volume Constructed	785,011		Volume Constructed	547,536	
Total Permitted Volume	204,396		Total Permitted Volume	785,011		Total Permitted Volume	832,404	
* Compaction Density	0.78		* Compaction Density	0.49		* Compaction Density	0.38	
* Remaining Volume for Future Construction	0		* Remaining Volume for Future Construction	61,428		* Remaining Volume for Future Construction	-25,513	
* Remaining Permitted Volume	73,129		* Remaining Permitted Volume	61,428		* Remaining Permitted Volume	259,355	
* Approximate Constructed Remaining in Tons	0.0		* Approximate Constructed Remaining in Tons	30,363.5		* Approximate Constructed Remaining in Tons	-9,640.7	
* Approximate Constructed Remaining in Years	0.0		* Approximate Constructed Remaining in Years	1.8		* Approximate Constructed Remaining in Years	-1.0	
* Remaining Constructed in Fiscal Year Tons	0.0		* Remaining Constructed in Fiscal Year Tons	1.5		* Remaining Constructed in Fiscal Year Tons	-0.7	
* Approximate Total Permitted Volume Remaining in Tons	56,896		* Approximate Total Permitted Volume Remaining in Tons	30,364		* Approximate Total Permitted Volume Remaining in Tons	98,004	
* Approximate Total Permitted Volume Remaining in Years	12.0		* Approximate Total Permitted Volume Remaining in Years	1.8		* Approximate Total Permitted Volume Remaining in Years	10.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	11.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	1.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	7.1	
Johnston	5103-CDLF-	CD	Lenoir	5403-CDLF-1997	CD	Lincoln	5503-CDLF-1999	CD
Johnston County C&D Landfill			Lenoir County CDLF			Lincoln County C&D Unit		
Open Date	7/18/2007		Open Date	1/1/1998		Open Date	8/28/1992	
Survey Date	6/25/2019		Survey Date	6/17/2019		Survey Date	6/20/2019	
Years Open	11.9		Years Open	21.5		Years Open	26.8	
Fiscal Year Tons	53,948.81		Fiscal Year Tons	9,804.24		Fiscal Year Tons	8,673.73	
Total Tons Disposed to Date	361,007.00		Total Tons Disposed to Date	365,223.60		Total Tons Disposed to Date	495,676.23	
* Average Tons per Year	30,242.62		* Average Tons per Year	17,021.55		* Average Tons per Year	18,489.15	
Volume Used	759,941		Volume Used	560,187		Volume Used	458,207	
Volume Constructed	1,025,147		Volume Constructed	630,432		Volume Constructed	502,721	
Total Permitted Volume	1,487,805		Total Permitted Volume	1,126,540		Total Permitted Volume	502,721	
* Compaction Density	0.48		* Compaction Density	0.65		* Compaction Density	1.08	
* Remaining Volume for Future Construction	265,206		* Remaining Volume for Future Construction	70,245		* Remaining Volume for Future Construction	44,514	
* Remaining Permitted Volume	727,864		* Remaining Permitted Volume	566,353		* Remaining Permitted Volume	44,514	
* Approximate Constructed Remaining in Tons	125,985.1		* Approximate Constructed Remaining in Tons	45,797.4		* Approximate Constructed Remaining in Tons	48,154.1	
* Approximate Constructed Remaining in Years	4.2		* Approximate Constructed Remaining in Years	2.7		* Approximate Constructed Remaining in Years	2.6	
* Remaining Constructed in Fiscal Year Tons	2.3		* Remaining Constructed in Fiscal Year Tons	4.7		* Remaining Constructed in Fiscal Year Tons	5.6	
* Approximate Total Permitted Volume Remaining in Tons	345,769		* Approximate Total Permitted Volume Remaining in Tons	369,244		* Approximate Total Permitted Volume Remaining in Tons	48,154	
* Approximate Total Permitted Volume Remaining in Years	11.4		* Approximate Total Permitted Volume Remaining in Years	21.7		* Approximate Total Permitted Volume Remaining in Years	2.6	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	6.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	37.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	5.6	

* Calculation equations described on last page of this report.

Lincoln	5504-CDLF-1999	CD	Madison	5803-CDLF-1995	CD	Martin	5901-CDLF-1995	CD
Lake Norman Landfill			Madison County C&D Unit			Martin County C&D Landfill		
Open Date	3/25/1999		Open Date	11/1/2006		Open Date	3/23/1994	
Survey Date	12/18/2018		Survey Date	5/28/2019		Survey Date	5/15/2017	
Years Open	19.7		Years Open	12.6		Years Open	23.1	
Fiscal Year Tons	42,730.67		Fiscal Year Tons	2,443.92		Fiscal Year Tons	4,971.77	
Total Tons Disposed to Date	1,228,657.00		Total Tons Disposed to Date	28,315.00		Total Tons Disposed to Date	116,742.00	
* Average Tons per Year	62,259.57		* Average Tons per Year	2,252.68		* Average Tons per Year	5,043.77	
Volume Used	3,876,163		Volume Used	78,240		Volume Used	120,404	
Volume Constructed	2,727,347		Volume Constructed	209,700		Volume Constructed	165,353	
Total Permitted Volume	3,271,000		Total Permitted Volume	209,700		Total Permitted Volume	177,696	
* Compaction Density	0.32		* Compaction Density	0.36		* Compaction Density	0.97	
* Remaining Volume for Future Construction	-1,148,816		* Remaining Volume for Future Construction	131,460		* Remaining Volume for Future Construction	44,949	
* Remaining Permitted Volume	-605,163		* Remaining Permitted Volume	131,460		* Remaining Permitted Volume	57,292	
* Approximate Constructed Remaining in Tons	-364,149.0		* Approximate Constructed Remaining in Tons	47,575.3		* Approximate Constructed Remaining in Tons	43,581.9	
* Approximate Constructed Remaining in Years	-5.8		* Approximate Constructed Remaining in Years	21.1		* Approximate Constructed Remaining in Years	8.6	
* Remaining Constructed in Fiscal Year Tons	-8.5		* Remaining Constructed in Fiscal Year Tons	19.5		* Remaining Constructed in Fiscal Year Tons	8.8	
* Approximate Total Permitted Volume Remaining in Tons	-191,823		* Approximate Total Permitted Volume Remaining in Tons	47,575		* Approximate Total Permitted Volume Remaining in Tons	55,550	
* Approximate Total Permitted Volume Remaining in Years	-3.1		* Approximate Total Permitted Volume Remaining in Years	21.1		* Approximate Total Permitted Volume Remaining in Years	11.0	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	-4.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	19.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	11.2	
Mecklenburg	6013-CDLF-1993	CD	Moore	6301-CDLF-1992	CD	Nash	6403-CDLF-2000	CD
Greenway Waste Solutions at North Meck			Moore County C&D Landfill			Nash County C&D Landfill		
Open Date	3/12/2006		Open Date	10/1/1993		Open Date	1/3/2000	
Survey Date	7/30/2018		Survey Date	7/12/2019		Survey Date	7/1/2019	
Years Open	12.4		Years Open	25.8		Years Open	19.5	
Fiscal Year Tons	97,606.92		Fiscal Year Tons	32,106.76		Fiscal Year Tons	13,663.17	
Total Tons Disposed to Date	1,436,347.00		Total Tons Disposed to Date	681,364.00		Total Tons Disposed to Date	242,795.00	
* Average Tons per Year	115,990.66		* Average Tons per Year	26,433.16		* Average Tons per Year	12,456.93	
Volume Used	2,065,245		Volume Used	1,344,854		Volume Used	715,800	
Volume Constructed	3,141,000		Volume Constructed	1,870,000		Volume Constructed	731,600	
Total Permitted Volume	3,141,000		Total Permitted Volume	1,870,000		Total Permitted Volume	731,600	
* Compaction Density	0.70		* Compaction Density	0.51		* Compaction Density	0.34	
* Remaining Volume for Future Construction	1,075,755		* Remaining Volume for Future Construction	525,146		* Remaining Volume for Future Construction	15,800	
* Remaining Permitted Volume	1,075,755		* Remaining Permitted Volume	525,146		* Remaining Permitted Volume	15,800	
* Approximate Constructed Remaining in Tons	748,171.5		* Approximate Constructed Remaining in Tons	266,062.8		* Approximate Constructed Remaining in Tons	5,359.3	
* Approximate Constructed Remaining in Years	6.5		* Approximate Constructed Remaining in Years	10.1		* Approximate Constructed Remaining in Years	0.4	
* Remaining Constructed in Fiscal Year Tons	7.7		* Remaining Constructed in Fiscal Year Tons	8.3		* Remaining Constructed in Fiscal Year Tons	0.4	
* Approximate Total Permitted Volume Remaining in Tons	748,172		* Approximate Total Permitted Volume Remaining in Tons	266,063		* Approximate Total Permitted Volume Remaining in Tons	5,359	
* Approximate Total Permitted Volume Remaining in Years	6.5		* Approximate Total Permitted Volume Remaining in Years	10.1		* Approximate Total Permitted Volume Remaining in Years	0.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	7.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	8.3		* Approximate Total Tonnage Remaining in Fiscal Year Tons	0.4	

* Calculation equations described on last page of this report.

Pasquotank	7002-CDLF-1996	CD	Randolph	7606-CDLF-2001	CD	Robeson	7803-CDLF-1997	CD
Pasquotank County C&D Landfill			Gold Hill Road C&D Debris Landfill			Robeson County CDLF		
Open Date	4/1/1996		Open Date	10/19/2001		Open Date	1/2/1998	
Survey Date	6/29/2019		Survey Date	6/30/2019		Survey Date	6/3/2019	
Years Open	23.2		Years Open	17.7		Years Open	21.4	
Fiscal Year Tons	14,599.59		Fiscal Year Tons	22,759.66		Fiscal Year Tons	34,852.87	
Total Tons Disposed to Date	281,681.00		Total Tons Disposed to Date	224,512.60		Total Tons Disposed to Date	446,375.00	
* Average Tons per Year	12,119.68		* Average Tons per Year	12,688.11		* Average Tons per Year	20,843.58	
Volume Used	916,817		Volume Used	372,945		Volume Used	864,879	
Volume Constructed	895,319		Volume Constructed	551,951		Volume Constructed	731,464	
Total Permitted Volume	895,319		Total Permitted Volume	1,114,400		Total Permitted Volume	731,464	
* Compaction Density	0.31		* Compaction Density	0.60		* Compaction Density	0.52	
* Remaining Volume for Future Construction	-21,498		* Remaining Volume for Future Construction	179,006		* Remaining Volume for Future Construction	-133,415	
* Remaining Permitted Volume	-21,498		* Remaining Permitted Volume	741,455		* Remaining Permitted Volume	-133,415	
* Approximate Constructed Remaining in Tons	-6,605.0		* Approximate Constructed Remaining in Tons	107,761.5		* Approximate Constructed Remaining in Tons	-68,857.2	
* Approximate Constructed Remaining in Years	-0.5		* Approximate Constructed Remaining in Years	8.5		* Approximate Constructed Remaining in Years	-3.3	
* Remaining Constructed in Fiscal Year Tons	-0.5		* Remaining Constructed in Fiscal Year Tons	4.7		* Remaining Constructed in Fiscal Year Tons	-2.0	
* Approximate Total Permitted Volume Remaining in Tons	-6,605		* Approximate Total Permitted Volume Remaining in Tons	446,355		* Approximate Total Permitted Volume Remaining in Tons	-68,857	
* Approximate Total Permitted Volume Remaining in Years	-0.5		* Approximate Total Permitted Volume Remaining in Years	35.2		* Approximate Total Permitted Volume Remaining in Years	-3.3	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	-0.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	19.6		* Approximate Total Tonnage Remaining in Fiscal Year Tons	-2.0	
Sampson	8202-CDLF-1996	CD	Scotland	8301-CDLF-1997	CD	Stanly	8401-CDLF-1997	CD
Sampson County Disposal, LLC			Scotland County CDLF			Albemarle, City of CDLF		
Open Date	9/16/1996		Open Date	1/1/1998		Open Date	5/31/1998	
Survey Date	1/16/2019		Survey Date	6/24/2019		Survey Date	6/14/2019	
Years Open	22.3		Years Open	21.5		Years Open	21.0	
Fiscal Year Tons	3,479.60		Fiscal Year Tons	24,157.38		Fiscal Year Tons	10,910.36	
Total Tons Disposed to Date	4,593.00		Total Tons Disposed to Date	309,128.00		Total Tons Disposed to Date	357,548.81	
* Average Tons per Year	205.66		* Average Tons per Year	14,394.31		* Average Tons per Year	16,995.67	
Volume Used	10,533		Volume Used	578,665		Volume Used	727,216	
Volume Constructed	1,054,182		Volume Constructed	600,847		Volume Constructed	2,390,900	
Total Permitted Volume	2,180,681		Total Permitted Volume	1,144,442		Total Permitted Volume	2,390,900	
* Compaction Density	0.44		* Compaction Density	0.53		* Compaction Density	0.49	
* Remaining Volume for Future Construction	1,043,649		* Remaining Volume for Future Construction	22,182		* Remaining Volume for Future Construction	1,663,684	
* Remaining Permitted Volume	2,170,148		* Remaining Permitted Volume	565,777		* Remaining Permitted Volume	1,663,684	
* Approximate Constructed Remaining in Tons	455,091.6		* Approximate Constructed Remaining in Tons	11,849.8		* Approximate Constructed Remaining in Tons	817,980.1	
* Approximate Constructed Remaining in Years	2,212.8		* Approximate Constructed Remaining in Years	0.8		* Approximate Constructed Remaining in Years	48.1	
* Remaining Constructed in Fiscal Year Tons	130.8		* Remaining Constructed in Fiscal Year Tons	0.5		* Remaining Constructed in Fiscal Year Tons	75.0	
* Approximate Total Permitted Volume Remaining in Tons	946,311		* Approximate Total Permitted Volume Remaining in Tons	302,243		* Approximate Total Permitted Volume Remaining in Tons	817,980	
* Approximate Total Permitted Volume Remaining in Years	4,601.3		* Approximate Total Permitted Volume Remaining in Years	21.0		* Approximate Total Permitted Volume Remaining in Years	48.1	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	272.0		* Approximate Total Tonnage Remaining in Fiscal Year Tons	12.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	75.0	

* Calculation equations described on last page of this report.

Union	9001-CDLF-1998	CD	Wake	9226-CDLF-2001	CD	Wake	9228-CDLF-2001	CD
Union County C&D			Shotwell Landfill, Inc.			Red Rock Disposal C&D Landfill		
Open Date	1/1/1998		Open Date	10/13/1997		Open Date	11/19/2001	
Survey Date	7/19/2019		Survey Date	2/17/2019		Survey Date	1/2/2019	
Years Open	21.5		Years Open	21.3		Years Open	17.1	
Fiscal Year Tons	44,970.99		Fiscal Year Tons	142,470.04		Fiscal Year Tons	350,854.11	
Total Tons Disposed to Date	471,253.00		Total Tons Disposed to Date	1,259,494.56		Total Tons Disposed to Date	2,204,168.00	
* Average Tons per Year	21,873.83		* Average Tons per Year	59,000.95		* Average Tons per Year	128,749.78	
Volume Used	1,201,358		Volume Used	3,000,000		Volume Used	3,818,526	
Volume Constructed	1,525,700		Volume Constructed	2,698,588		Volume Constructed	3,758,814	
Total Permitted Volume	1,673,800		Total Permitted Volume	10,427,894		Total Permitted Volume	18,992,799	
* Compaction Density	0.39		* Compaction Density	0.42		* Compaction Density	0.58	
* Remaining Volume for Future Construction	324,342		* Remaining Volume for Future Construction	-301,412		* Remaining Volume for Future Construction	-59,712	
* Remaining Permitted Volume	472,442		* Remaining Permitted Volume	7,427,894		* Remaining Permitted Volume	15,174,273	
* Approximate Constructed Remaining in Tons	127,228.6		* Approximate Constructed Remaining in Tons	-126,542.3		* Approximate Constructed Remaining in Tons	-34,467.6	
* Approximate Constructed Remaining in Years	5.8		* Approximate Constructed Remaining in Years	-2.1		* Approximate Constructed Remaining in Years	-0.3	
* Remaining Constructed in Fiscal Year Tons	2.8		* Remaining Constructed in Fiscal Year Tons	-0.9		* Remaining Constructed in Fiscal Year Tons	-0.1	
* Approximate Total Permitted Volume Remaining in Tons	185,323		* Approximate Total Permitted Volume Remaining in Tons	3,118,464		* Approximate Total Permitted Volume Remaining in Tons	8,759,047	
* Approximate Total Permitted Volume Remaining in Years	8.5		* Approximate Total Permitted Volume Remaining in Years	52.9		* Approximate Total Permitted Volume Remaining in Years	68.0	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	4.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	21.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons	25.0	
Wake	9230-CDLF-2014	CD	Wake	9231-CDLF-2012	CD	Washington	9404-CDLF-1996	CD
Greenway Waste Solutions of Apex, LLC			Brownfield Road C&D Landfill			Washington County C&D Landfill		
Open Date			Open Date			Open Date	1/1/1996	
Survey Date	7/30/2018		Survey Date	1/10/2019		Survey Date	7/13/2016	
Years Open			Years Open			Years Open	20.5	
Fiscal Year Tons	88,404.67		Fiscal Year Tons	199,997.93		Fiscal Year Tons	3,600.28	
Total Tons Disposed to Date	1,405,645.00		Total Tons Disposed to Date	1,756,609.00		Total Tons Disposed to Date	31,871.00	
* Average Tons per Year			* Average Tons per Year			* Average Tons per Year	1,552.32	
Volume Used	2,680,315		Volume Used	3,147,490		Volume Used	79,678	
Volume Constructed			Volume Constructed			Volume Constructed	77,142	
Total Permitted Volume			Total Permitted Volume			Total Permitted Volume	147,076	
* Compaction Density	0.52		* Compaction Density	0.56		* Compaction Density	0.40	
* Remaining Volume for Future Construction			* Remaining Volume for Future Construction			* Remaining Volume for Future Construction	-2,536	
* Remaining Permitted Volume			* Remaining Permitted Volume			* Remaining Permitted Volume	67,398	
* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons	-1,014.4	
* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years	-0.7	
* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons	-0.3	
* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons	26,959	
* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years	17.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons	7.5	

* Calculation equations described on last page of this report.

Wayne	9601-CDLF-1997	CD	Wilson	9809-CDLF-	CD	Catawba	1812-INDUS-2008	Indus
Wayne County CDLF			Wilson County Westside C&D Landfill			Duke Energy Carolinas - Marshall, Industrial		
Open Date	1/1/1998		Open Date	10/4/2004		Open Date	3/7/2011	
Survey Date	6/19/2019		Survey Date	3/12/2019		Survey Date	5/15/2019	
Years Open	21.5		Years Open	14.4		Years Open	8.2	
Fiscal Year Tons	38,451.42		Fiscal Year Tons	82,317.68		Fiscal Year Tons	350,613.00	
Total Tons Disposed to Date	637,841.89		Total Tons Disposed to Date	365,269.00		Total Tons Disposed to Date	2,159,543.00	
* Average Tons per Year	29,719.58		* Average Tons per Year	25,306.24		* Average Tons per Year	263,715.51	
Volume Used	920,856		Volume Used	33,780		Volume Used	1,722,732	
Volume Constructed	922,085		Volume Constructed	433,560		Volume Constructed	1,915,000	
Total Permitted Volume	2,736,883		Total Permitted Volume	433,560		Total Permitted Volume	17,929,000	
* Compaction Density	0.69		* Compaction Density	10.81		* Compaction Density	1.25	
* Remaining Volume for Future Construction	1,229		* Remaining Volume for Future Construction	399,780		* Remaining Volume for Future Construction	192,268	
* Remaining Permitted Volume	1,816,027		* Remaining Permitted Volume	399,780		* Remaining Permitted Volume	16,206,268	
* Approximate Constructed Remaining in Tons	851.3		* Approximate Constructed Remaining in Tons	4,322,890.5		* Approximate Constructed Remaining in Tons	241,018.9	
* Approximate Constructed Remaining in Years	0.0		* Approximate Constructed Remaining in Years	170.8		* Approximate Constructed Remaining in Years	0.9	
* Remaining Constructed in Fiscal Year Tons	0.0		* Remaining Constructed in Fiscal Year Tons	52.5		* Remaining Constructed in Fiscal Year Tons	0.7	
* Approximate Total Permitted Volume Remaining in Tons	1,257,893		* Approximate Total Permitted Volume Remaining in Tons	4,322,890		* Approximate Total Permitted Volume Remaining in Tons	20,315,483	
* Approximate Total Permitted Volume Remaining in Years	42.3		* Approximate Total Permitted Volume Remaining in Years	170.8		* Approximate Total Permitted Volume Remaining in Years	77.0	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	32.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	52.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	57.9	
Columbus	2402-INDUS-1972	Indus	Gaston	3612-INDUS-2008	Indus	Haywood	4406-INDUS-1984	Indus
International Paper			Duke Energy Carolinas - Allen			Blue Ridge Paper Products, Inc.		
Open Date			Open Date	12/9/2009		Open Date	3/28/1984	
Survey Date	4/10/2019		Survey Date	5/15/2019		Survey Date	3/19/2019	
Years Open			Years Open	9.4		Years Open	35.0	
Fiscal Year Tons	141,531.00		Fiscal Year Tons	37,822.00		Fiscal Year Tons	359,795.00	
Total Tons Disposed to Date	1,970,258.00		Total Tons Disposed to Date	1,403,352.00		Total Tons Disposed to Date	11,124,987.00	
* Average Tons per Year			* Average Tons per Year	148,831.10		* Average Tons per Year	318,099.38	
Volume Used	1,055,364		Volume Used	1,217,007		Volume Used	7,940,636	
Volume Constructed			Volume Constructed	2,082,500		Volume Constructed	8,214,000	
Total Permitted Volume			Total Permitted Volume	6,040,700		Total Permitted Volume	9,447,000	
* Compaction Density	1.87		* Compaction Density	1.15		* Compaction Density	1.40	
* Remaining Volume for Future Construction			* Remaining Volume for Future Construction	865,493		* Remaining Volume for Future Construction	273,364	
* Remaining Permitted Volume			* Remaining Permitted Volume	4,823,693		* Remaining Permitted Volume	1,506,364	
* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons	998,015.1		* Approximate Constructed Remaining in Tons	382,988.3	
* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years	6.7		* Approximate Constructed Remaining in Years	1.2	
* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons	26.4		* Remaining Constructed in Fiscal Year Tons	1.1	
* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons	5,562,285		* Approximate Total Permitted Volume Remaining in Tons	2,110,446	
* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years	37.4		* Approximate Total Permitted Volume Remaining in Years	6.6	
* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons	147.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	5.9	

* Calculation equations described on last page of this report.

Martin	6004-INDUS-1981	Indus	New Hanover	6512-INDUS-2016	Indus	Perquimans	7302-INDUS-1988	Indus
Duke Energy Carolinas - McGuire			Duke Energy Progress - Sutton Energy Complex			Duke Energy Progress - Roxboro		
Open Date	7/30/1992		Open Date	9/22/2016		Open Date	11/25/2003	
Survey Date	5/13/2019		Survey Date	5/15/2019		Survey Date	5/15/2019	
Years Open	26.8		Years Open	2.6		Years Open	15.5	
Fiscal Year Tons	2,763.32		Fiscal Year Tons	2,885,004.00		Fiscal Year Tons	265,809.00	
Total Tons Disposed to Date	62,493.00		Total Tons Disposed to Date	4,773,388.00		Total Tons Disposed to Date	6,664,732.00	
* Average Tons per Year	2,333.19		* Average Tons per Year	1,806,714.99		* Average Tons per Year	430,848.38	
Volume Used	69,735		Volume Used	3,085,958		Volume Used	6,752,179	
Volume Constructed	140,000		Volume Constructed	4,945,000		Volume Constructed	9,412,000	
Total Permitted Volume	140,000		Total Permitted Volume	8,748,987		Total Permitted Volume	9,412,000	
* Compaction Density	0.90		* Compaction Density	1.55		* Compaction Density	0.99	
* Remaining Volume for Future Construction	70,265		* Remaining Volume for Future Construction	1,859,042		* Remaining Volume for Future Construction	2,659,821	
* Remaining Permitted Volume	70,265		* Remaining Permitted Volume	5,663,029		* Remaining Permitted Volume	2,659,821	
* Approximate Constructed Remaining in Tons	62,968.0		* Approximate Constructed Remaining in Tons	2,875,583.1		* Approximate Constructed Remaining in Tons	2,625,373.8	
* Approximate Constructed Remaining in Years	27.0		* Approximate Constructed Remaining in Years	1.6		* Approximate Constructed Remaining in Years	6.1	
* Remaining Constructed in Fiscal Year Tons	22.8		* Remaining Constructed in Fiscal Year Tons	1.0		* Remaining Constructed in Fiscal Year Tons	9.9	
* Approximate Total Permitted Volume Remaining in Tons	62,968		* Approximate Total Permitted Volume Remaining in Tons	8,759,625		* Approximate Total Permitted Volume Remaining in Tons	2,625,374	
* Approximate Total Permitted Volume Remaining in Years	27.0		* Approximate Total Permitted Volume Remaining in Years	4.8		* Approximate Total Permitted Volume Remaining in Years	6.1	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	22.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	3.0		* Approximate Total Tonnage Remaining in Fiscal Year Tons	9.9	
Person	7305-INDUS-2012	Indus	Rockingham	7906-INDUS-2016	Indus	Rutherford	8106-INDUS-2009	Indus
Duke Energy Progress - Mayo			Duke Energy Carolinas - Dan River			Duke Energy Carolinas - Rogers		
Open Date			Open Date	10/26/2016		Open Date	9/7/2010	
Survey Date	5/15/2019		Survey Date	5/15/2019		Survey Date	5/15/2019	
Years Open			Years Open	2.5		Years Open	8.7	
Fiscal Year Tons	67,314.00		Fiscal Year Tons	1,238,469.00		Fiscal Year Tons	259,979.00	
Total Tons Disposed to Date	411,622.00		Total Tons Disposed to Date	2,190,613.00		Total Tons Disposed to Date	2,664,549.00	
* Average Tons per Year			* Average Tons per Year	859,421.48		* Average Tons per Year	306,817.95	
Volume Used	400,525		Volume Used	1,654,410		Volume Used	2,053,129	
Volume Constructed	1,592,000		Volume Constructed	2,140,000		Volume Constructed	4,337,000	
Total Permitted Volume	17,720,248		Total Permitted Volume	2,140,000		Total Permitted Volume	13,343,000	
* Compaction Density	1.03		* Compaction Density	1.32		* Compaction Density	1.30	
* Remaining Volume for Future Construction	1,191,475		* Remaining Volume for Future Construction	485,590		* Remaining Volume for Future Construction	2,283,871	
* Remaining Permitted Volume	17,319,723		* Remaining Permitted Volume	485,590		* Remaining Permitted Volume	11,289,871	
* Approximate Constructed Remaining in Tons	1,224,486.2		* Approximate Constructed Remaining in Tons	642,972.3		* Approximate Constructed Remaining in Tons	2,964,005.8	
* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years	0.7		* Approximate Constructed Remaining in Years	9.7	
* Remaining Constructed in Fiscal Year Tons	18.2		* Remaining Constructed in Fiscal Year Tons	0.5		* Remaining Constructed in Fiscal Year Tons	11.4	
* Approximate Total Permitted Volume Remaining in Tons	17,799,586		* Approximate Total Permitted Volume Remaining in Tons	642,972		* Approximate Total Permitted Volume Remaining in Tons	14,651,985	
* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years	0.7		* Approximate Total Permitted Volume Remaining in Years	47.8	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	264.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	0.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	56.4	

* Calculation equations described on last page of this report.

Stanly	8504-INDUS-2007	Indus	Stanly	8505-INDUS-2008	Indus	Washington	9401-INDUS-2008	Indus
Duke Energy Carolinas - Belews Creek, Craig Road Landfill			Duke Energy Carolinas - Belews Creek, FGD			Domtar Paper Company Landfill, Lined #3		
Open Date			Open Date			Open Date	12/14/2000	
Survey Date	5/15/2019		Survey Date	5/15/2019		Survey Date	4/5/2019	
Years Open			Years Open			Years Open	18.3	
Fiscal Year Tons	106,927.00		Fiscal Year Tons	68,427.00		Fiscal Year Tons	1,873.96	
Total Tons Disposed to Date	2,123,224.17		Total Tons Disposed to Date	1,303,410.00		Total Tons Disposed to Date	947,385.00	
* Average Tons per Year			* Average Tons per Year			* Average Tons per Year	51,754.77	
Volume Used	1,699,153		Volume Used	921,927		Volume Used	2,223,488	
Volume Constructed			Volume Constructed			Volume Constructed	2,692,063	
Total Permitted Volume			Total Permitted Volume			Total Permitted Volume	10,749,000	
* Compaction Density	1.25		* Compaction Density	1.41		* Compaction Density	0.43	
* Remaining Volume for Future Construction			* Remaining Volume for Future Construction			* Remaining Volume for Future Construction	468,575	
* Remaining Permitted Volume			* Remaining Permitted Volume			* Remaining Permitted Volume	8,525,512	
* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons			* Approximate Constructed Remaining in Tons	199,650.7	
* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years			* Approximate Constructed Remaining in Years	3.9	
* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons			* Remaining Constructed in Fiscal Year Tons	106.5	
* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons			* Approximate Total Permitted Volume Remaining in Tons	3,632,555	
* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years			* Approximate Total Permitted Volume Remaining in Years	70.2	
* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons			* Approximate Total Tonnage Remaining in Fiscal Year Tons	1,938.4	
Wilkes	9703-INDUS-1981	Indus	Alamance	0104-MSWLF-1994	MSW	Anson	0403-MSWLF-2010	MSW
Louisiana-Pacific Corporation			Austin Quarter SWM Facility			Chambers Development MSWLF (Anson Landfill)		
Open Date	1/7/1981		Open Date	3/18/1994		Open Date	12/12/2000	
Survey Date	7/16/2019		Survey Date	3/16/2019		Survey Date	3/16/2019	
Years Open	38.5		Years Open	25.0		Years Open	18.3	
Fiscal Year Tons	8,904.58		Fiscal Year Tons	118,863.12		Fiscal Year Tons	797,245.45	
Total Tons Disposed to Date	205,618.85		Total Tons Disposed to Date	2,046,197.00		Total Tons Disposed to Date	6,683,655.00	
* Average Tons per Year	5,338.14		* Average Tons per Year	81,868.05		* Average Tons per Year	366,107.53	
Volume Used	164,892		Volume Used	2,802,230		Volume Used	7,716,915	
Volume Constructed	232,300		Volume Constructed	2,950,866		Volume Constructed	7,733,639	
Total Permitted Volume	232,300		Total Permitted Volume	10,000,000		Total Permitted Volume	19,078,530	
* Compaction Density	1.25		* Compaction Density	0.73		* Compaction Density	0.87	
* Remaining Volume for Future Construction	67,408		* Remaining Volume for Future Construction	148,636		* Remaining Volume for Future Construction	16,724	
* Remaining Permitted Volume	67,408		* Remaining Permitted Volume	7,197,770		* Remaining Permitted Volume	11,361,615	
* Approximate Constructed Remaining in Tons	84,057.2		* Approximate Constructed Remaining in Tons	108,534.5		* Approximate Constructed Remaining in Tons	14,484.7	
* Approximate Constructed Remaining in Years	15.7		* Approximate Constructed Remaining in Years	1.3		* Approximate Constructed Remaining in Years	0.0	
* Remaining Constructed in Fiscal Year Tons	9.4		* Remaining Constructed in Fiscal Year Tons	0.9		* Remaining Constructed in Fiscal Year Tons	0.0	
* Approximate Total Permitted Volume Remaining in Tons	84,057		* Approximate Total Permitted Volume Remaining in Tons	5,255,834		* Approximate Total Permitted Volume Remaining in Tons	9,840,346	
* Approximate Total Permitted Volume Remaining in Years	15.7		* Approximate Total Permitted Volume Remaining in Years	64.2		* Approximate Total Permitted Volume Remaining in Years	26.9	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	9.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	44.2		* Approximate Total Tonnage Remaining in Fiscal Year Tons	12.3	

* Calculation equations described on last page of this report.

Ashe	0501-MSWLF-1993	MSW	Bertie	0803-MSWLF-1993	MSW	Buncombe	1107-MSWLF-1996	MSW
Ashe County Landfill			East Carolina Environmental Regional Landfill			Buncombe County MSW Landfill		
Open Date	11/1/1993		Open Date	8/6/1993		Open Date	9/29/1997	
Survey Date	5/29/2019		Survey Date	12/18/2018		Survey Date	5/6/2019	
Years Open	25.6		Years Open	25.4		Years Open	21.6	
Fiscal Year Tons	22,353.34		Fiscal Year Tons	495,067.53		Fiscal Year Tons	158,149.62	
Total Tons Disposed to Date	457,738.98		Total Tons Disposed to Date	12,343,780.00		Total Tons Disposed to Date	2,757,766.00	
* Average Tons per Year	17,900.34		* Average Tons per Year	486,623.38		* Average Tons per Year	127,680.83	
Volume Used	909,319		Volume Used	13,234,683		Volume Used	4,311,779	
Volume Constructed	1,159,714		Volume Constructed	15,674,000		Volume Constructed	4,598,914	
Total Permitted Volume	1,548,800		Total Permitted Volume	24,200,000		Total Permitted Volume	9,585,415	
* Compaction Density	0.50		* Compaction Density	0.93		* Compaction Density	0.64	
* Remaining Volume for Future Construction	250,395		* Remaining Volume for Future Construction	2,439,317		* Remaining Volume for Future Construction	287,135	
* Remaining Permitted Volume	639,481		* Remaining Permitted Volume	10,965,317		* Remaining Permitted Volume	5,273,636	
* Approximate Constructed Remaining in Tons	126,045.5		* Approximate Constructed Remaining in Tons	2,275,112.5		* Approximate Constructed Remaining in Tons	183,648.4	
* Approximate Constructed Remaining in Years	7.0		* Approximate Constructed Remaining in Years	4.7		* Approximate Constructed Remaining in Years	1.4	
* Remaining Constructed in Fiscal Year Tons	5.6		* Remaining Constructed in Fiscal Year Tons	4.6		* Remaining Constructed in Fiscal Year Tons	1.2	
* Approximate Total Permitted Volume Remaining in Tons	321,906		* Approximate Total Permitted Volume Remaining in Tons	10,227,178		* Approximate Total Permitted Volume Remaining in Tons	3,372,959	
* Approximate Total Permitted Volume Remaining in Years	18.0		* Approximate Total Permitted Volume Remaining in Years	21.0		* Approximate Total Permitted Volume Remaining in Years	26.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	14.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	20.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	21.3	
Cabarrus	1304-MSWLF-1992	MSW	Caldwell	1403-MSWLF-1998	MSW	Catawba	1803-MSWLF-1997	MSW
BFI-Charlotte Mtr Speedway Landfill V			Foothills Environmental Landfill			Blackburn Resource Recovery Facility		
Open Date	3/6/1992		Open Date	8/26/1998		Open Date	12/30/1997	
Survey Date	12/18/2018		Survey Date	12/17/2018		Survey Date	6/10/2019	
Years Open	26.8		Years Open	20.3		Years Open	21.4	
Fiscal Year Tons	1,253,897.19		Fiscal Year Tons	383,002.71		Fiscal Year Tons	157,454.59	
Total Tons Disposed to Date	34,545,372.00		Total Tons Disposed to Date	5,157,759.00		Total Tons Disposed to Date	3,163,318.19	
* Average Tons per Year	1,289,757.45		* Average Tons per Year	253,959.49		* Average Tons per Year	147,523.23	
Volume Used	34,635,332		Volume Used	8,574,801		Volume Used	5,811,241	
Volume Constructed	40,819,582		Volume Constructed	9,909,000		Volume Constructed	6,265,000	
Total Permitted Volume	50,869,000		Total Permitted Volume	18,040,000		Total Permitted Volume	44,655,000	
* Compaction Density	1.00		* Compaction Density	0.60		* Compaction Density	0.54	
* Remaining Volume for Future Construction	6,184,250		* Remaining Volume for Future Construction	1,334,199		* Remaining Volume for Future Construction	453,759	
* Remaining Permitted Volume	16,233,668		* Remaining Permitted Volume	9,465,199		* Remaining Permitted Volume	38,843,759	
* Approximate Constructed Remaining in Tons	6,168,187.4		* Approximate Constructed Remaining in Tons	802,523.2		* Approximate Constructed Remaining in Tons	247,001.3	
* Approximate Constructed Remaining in Years	4.8		* Approximate Constructed Remaining in Years	3.2		* Approximate Constructed Remaining in Years	1.7	
* Remaining Constructed in Fiscal Year Tons	4.9		* Remaining Constructed in Fiscal Year Tons	2.1		* Remaining Constructed in Fiscal Year Tons	1.6	
* Approximate Total Permitted Volume Remaining in Tons	16,191,504		* Approximate Total Permitted Volume Remaining in Tons	5,693,335		* Approximate Total Permitted Volume Remaining in Tons	21,144,394	
* Approximate Total Permitted Volume Remaining in Years	12.6		* Approximate Total Permitted Volume Remaining in Years	22.4		* Approximate Total Permitted Volume Remaining in Years	143.3	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	12.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons	14.9		* Approximate Total Tonnage Remaining in Fiscal Year Tons	134.3	

* Calculation equations described on last page of this report.

Cherokee	2002-MSWLF-1998	MSW	Cleveland	2301-MSWLF-2009	MSW	Craven	2509-MSWLF-1999	MSW
Cherokee County MSW Facility			Cleveland County Landfill Self-McNeilly			CRSWMA - Long Term Regional Landfill		
Open Date	1/9/1998		Open Date	5/15/2009		Open Date	8/25/1999	
Survey Date	3/27/2019		Survey Date	7/16/2019		Survey Date	6/29/2019	
Years Open	21.2		Years Open	10.2		Years Open	19.8	
Fiscal Year Tons	20,490.95		Fiscal Year Tons	113,579.84		Fiscal Year Tons	326,054.17	
Total Tons Disposed to Date	380,724.00		Total Tons Disposed to Date	877,374.00		Total Tons Disposed to Date	3,941,354.00	
* Average Tons per Year	17,950.10		* Average Tons per Year	86,284.56		* Average Tons per Year	198,617.49	
Volume Used	619,949		Volume Used	1,763,504		Volume Used	5,856,000	
Volume Constructed	612,147		Volume Constructed	3,234,000		Volume Constructed	7,049,300	
Total Permitted Volume	1,934,055		Total Permitted Volume	9,470,009		Total Permitted Volume	13,948,700	
* Compaction Density	0.61		* Compaction Density	0.50		* Compaction Density	0.67	
* Remaining Volume for Future Construction	-7,802		* Remaining Volume for Future Construction	1,470,496		* Remaining Volume for Future Construction	1,193,300	
* Remaining Permitted Volume	1,314,106		* Remaining Permitted Volume	7,706,505		* Remaining Permitted Volume	8,092,700	
* Approximate Constructed Remaining in Tons	-4,791.4		* Approximate Constructed Remaining in Tons	731,597.4		* Approximate Constructed Remaining in Tons	803,145.1	
* Approximate Constructed Remaining in Years	-0.3		* Approximate Constructed Remaining in Years	8.5		* Approximate Constructed Remaining in Years	4.0	
* Remaining Constructed in Fiscal Year Tons	-0.2		* Remaining Constructed in Fiscal Year Tons	6.4		* Remaining Constructed in Fiscal Year Tons	2.5	
* Approximate Total Permitted Volume Remaining in Tons	807,021		* Approximate Total Permitted Volume Remaining in Tons	3,834,121		* Approximate Total Permitted Volume Remaining in Tons	5,446,755	
* Approximate Total Permitted Volume Remaining in Years	45.0		* Approximate Total Permitted Volume Remaining in Years	44.4		* Approximate Total Permitted Volume Remaining in Years	27.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	39.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	33.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	16.7	
Cumberland	2601-MSWLF-1997	MSW	Davidson	2906-MSWLF-2008	MSW	Forsyth	3402-MSWLF-1997	MSW
Cumberland County Landfill			Davidson County MSW Lined Landfill			Hanes Mill Road Landfill		
Open Date	12/17/1997		Open Date	10/1/1994		Open Date	4/7/1997	
Survey Date	6/14/2019		Survey Date	6/3/2019		Survey Date	1/5/2019	
Years Open	21.5		Years Open	24.7		Years Open	21.7	
Fiscal Year Tons	134,999.32		Fiscal Year Tons	149,294.32		Fiscal Year Tons	283,949.19	
Total Tons Disposed to Date	177,249.00		Total Tons Disposed to Date	2,603,389.00		Total Tons Disposed to Date	5,711,902.00	
* Average Tons per Year	8,248.21		* Average Tons per Year	105,525.23		* Average Tons per Year	262,655.45	
Volume Used	214,346		Volume Used	4,427,077		Volume Used	8,944,677	
Volume Constructed	4,304,653		Volume Constructed	1,881,550		Volume Constructed	7,526,000	
Total Permitted Volume	6,739,400		Total Permitted Volume	12,000,000		Total Permitted Volume	13,700,000	
* Compaction Density	0.83		* Compaction Density	0.59		* Compaction Density	0.64	
* Remaining Volume for Future Construction	4,090,307		* Remaining Volume for Future Construction	-2,545,527		* Remaining Volume for Future Construction	-1,418,677	
* Remaining Permitted Volume	6,525,054		* Remaining Permitted Volume	7,572,923		* Remaining Permitted Volume	4,755,323	
* Approximate Constructed Remaining in Tons	3,382,394.9		* Approximate Constructed Remaining in Tons	-1,496,923.8		* Approximate Constructed Remaining in Tons	-905,940.4	
* Approximate Constructed Remaining in Years	410.1		* Approximate Constructed Remaining in Years	-14.2		* Approximate Constructed Remaining in Years	-3.4	
* Remaining Constructed in Fiscal Year Tons	25.1		* Remaining Constructed in Fiscal Year Tons	-10.0		* Remaining Constructed in Fiscal Year Tons	-3.2	
* Approximate Total Permitted Volume Remaining in Tons	5,395,759		* Approximate Total Permitted Volume Remaining in Tons	4,453,337		* Approximate Total Permitted Volume Remaining in Tons	3,036,660	
* Approximate Total Permitted Volume Remaining in Years	654.2		* Approximate Total Permitted Volume Remaining in Years	42.2		* Approximate Total Permitted Volume Remaining in Years	11.6	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	40.0		* Approximate Total Tonnage Remaining in Fiscal Year Tons	29.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	10.7	

* Calculation equations described on last page of this report.

Gaston	3606-MSWLF-1997	MSW	Granville	3901-MSWLF-2012	MSW	Guilford	4104-MSWLF-1991	MSW
Gaston County Landfill			Oxford Subtitle D MSWLF			High Point, City of MSW Landfill		
Open Date	7/1/1997		Open Date	5/1/2013		Open Date	10/1/1993	
Survey Date	7/12/2019		Survey Date	6/7/2019		Survey Date	6/11/2019	
Years Open	22.0		Years Open	6.1		Years Open	25.7	
Fiscal Year Tons	188,991.48		Fiscal Year Tons	47,597.19		Fiscal Year Tons	135,807.36	
Total Tons Disposed to Date	2,768,915.80		Total Tons Disposed to Date	211,719.00		Total Tons Disposed to Date	2,863,288.00	
* Average Tons per Year	125,695.56		* Average Tons per Year	34,708.42		* Average Tons per Year	111,446.71	
Volume Used	4,854,568		Volume Used	389,239		Volume Used	4,788,878	
Volume Constructed	5,601,872		Volume Constructed	660,000		Volume Constructed	6,061,863	
Total Permitted Volume	10,094,872		Total Permitted Volume	16,886,000		Total Permitted Volume	6,061,863	
* Compaction Density	0.57		* Compaction Density	0.54		* Compaction Density	0.60	
* Remaining Volume for Future Construction	747,304		* Remaining Volume for Future Construction	270,761		* Remaining Volume for Future Construction	1,272,985	
* Remaining Permitted Volume	5,240,304		* Remaining Permitted Volume	16,496,761		* Remaining Permitted Volume	1,272,985	
* Approximate Constructed Remaining in Tons	426,242.2		* Approximate Constructed Remaining in Tons	147,275.2		* Approximate Constructed Remaining in Tons	761,122.5	
* Approximate Constructed Remaining in Years	3.4		* Approximate Constructed Remaining in Years	4.2		* Approximate Constructed Remaining in Years	6.8	
* Remaining Constructed in Fiscal Year Tons	2.3		* Remaining Constructed in Fiscal Year Tons	3.1		* Remaining Constructed in Fiscal Year Tons	5.6	
* Approximate Total Permitted Volume Remaining in Tons	2,988,929		* Approximate Total Permitted Volume Remaining in Tons	8,973,093		* Approximate Total Permitted Volume Remaining in Tons	761,122	
* Approximate Total Permitted Volume Remaining in Years	23.8		* Approximate Total Permitted Volume Remaining in Years	258.5		* Approximate Total Permitted Volume Remaining in Years	6.8	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	15.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	188.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	5.6	
Guilford	4112-MSWLF-1997	MSW	Haywood	4407-MSWLF-1993	MSW	Iredell	4903-MSWLF-1993	MSW
Greensboro, City of White Street Landfill			Haywood Co White Oak Landfill			Iredell County Sanitary LF		
Open Date	12/9/1997		Open Date	10/15/1993		Open Date	10/8/1993	
Survey Date	6/11/2019		Survey Date	5/21/2019		Survey Date	3/13/2019	
Years Open	21.5		Years Open	25.6		Years Open	25.4	
Fiscal Year Tons	7,533.14		Fiscal Year Tons	143,683.30		Fiscal Year Tons	237,963.74	
Total Tons Disposed to Date	2,382,686.00		Total Tons Disposed to Date	1,728,367.09		Total Tons Disposed to Date	3,871,375.10	
* Average Tons per Year	110,806.73		* Average Tons per Year	67,524.45		* Average Tons per Year	152,257.97	
Volume Used	3,463,500		Volume Used	2,860,516		Volume Used	6,254,656	
Volume Constructed	5,352,000		Volume Constructed	3,313,364		Volume Constructed	6,940,723	
Total Permitted Volume	5,352,000		Total Permitted Volume	9,380,078		Total Permitted Volume	12,534,121	
* Compaction Density	0.69		* Compaction Density	0.60		* Compaction Density	0.62	
* Remaining Volume for Future Construction	1,888,500		* Remaining Volume for Future Construction	452,848		* Remaining Volume for Future Construction	686,067	
* Remaining Permitted Volume	1,888,500		* Remaining Permitted Volume	6,519,562		* Remaining Permitted Volume	6,279,465	
* Approximate Constructed Remaining in Tons	1,299,177.9		* Approximate Constructed Remaining in Tons	273,617.6		* Approximate Constructed Remaining in Tons	424,647.3	
* Approximate Constructed Remaining in Years	11.7		* Approximate Constructed Remaining in Years	4.1		* Approximate Constructed Remaining in Years	2.8	
* Remaining Constructed in Fiscal Year Tons	172.5		* Remaining Constructed in Fiscal Year Tons	1.9		* Remaining Constructed in Fiscal Year Tons	1.8	
* Approximate Total Permitted Volume Remaining in Tons	1,299,178		* Approximate Total Permitted Volume Remaining in Tons	3,939,218		* Approximate Total Permitted Volume Remaining in Tons	3,886,731	
* Approximate Total Permitted Volume Remaining in Years	11.7		* Approximate Total Permitted Volume Remaining in Years	58.3		* Approximate Total Permitted Volume Remaining in Years	25.5	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	172.5		* Approximate Total Tonnage Remaining in Fiscal Year Tons	27.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	16.3	

* Calculation equations described on last page of this report.

Johnston	5103-MSWLF-	MSW	Lenoir	5409-MSWLF-	MSW	Lincoln	5503-MSWLF-1986	MSW
Johnston County Landfill			Lenoir County MSW Landfill			Lincoln County Landfill		
Open Date	10/1/1997		Open Date	7/1/2004		Open Date	7/1/1993	
Survey Date	6/25/2019		Survey Date	6/17/2019		Survey Date	6/20/2019	
Years Open	21.7		Years Open	15.0		Years Open	26.0	
Fiscal Year Tons	106,879.54		Fiscal Year Tons	0.00		Fiscal Year Tons	41,172.64	
Total Tons Disposed to Date	2,261,900.00		Total Tons Disposed to Date	584,637.12		Total Tons Disposed to Date	1,047,710.63	
* Average Tons per Year	104,089.58		* Average Tons per Year	39,081.02		* Average Tons per Year	40,345.42	
Volume Used	3,995,865		Volume Used	533,357		Volume Used	2,383,059	
Volume Constructed	3,619,147		Volume Constructed	676,789		Volume Constructed	2,539,000	
Total Permitted Volume	19,232,967		Total Permitted Volume	3,096,592		Total Permitted Volume	4,437,700	
* Compaction Density	0.57		* Compaction Density	1.10		* Compaction Density	0.44	
* Remaining Volume for Future Construction	-376,718		* Remaining Volume for Future Construction	143,432		* Remaining Volume for Future Construction	155,941	
* Remaining Permitted Volume	15,237,102		* Remaining Permitted Volume	2,563,235		* Remaining Permitted Volume	2,054,641	
* Approximate Constructed Remaining in Tons	-213,245.1		* Approximate Constructed Remaining in Tons	157,222.4		* Approximate Constructed Remaining in Tons	68,559.4	
* Approximate Constructed Remaining in Years	-2.0		* Approximate Constructed Remaining in Years	4.0		* Approximate Constructed Remaining in Years	1.7	
* Remaining Constructed in Fiscal Year Tons	-2.0		* Remaining Constructed in Fiscal Year Tons	0.0		* Remaining Constructed in Fiscal Year Tons	1.7	
* Approximate Total Permitted Volume Remaining in Tons	8,625,116		* Approximate Total Permitted Volume Remaining in Tons	2,809,680		* Approximate Total Permitted Volume Remaining in Tons	903,322	
* Approximate Total Permitted Volume Remaining in Years	82.9		* Approximate Total Permitted Volume Remaining in Years	71.9		* Approximate Total Permitted Volume Remaining in Years	22.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	80.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	0.0		* Approximate Total Tonnage Remaining in Fiscal Year Tons	21.9	
Macon	5703-MSWLF-1992	MSW	Mecklenburg	6019-MSWLF-2000	MSW	Montgomery	6204-MSWLF-1995	MSW
Macon County Landfill Open			Mecklenburg County Landfill			Uwharrie Env. Reg. Landfill		
Open Date	5/1/1992		Open Date	4/1/2000		Open Date	12/11/1995	
Survey Date	6/4/2019		Survey Date	3/13/2019		Survey Date	12/17/2018	
Years Open	27.1		Years Open	18.9		Years Open	23.0	
Fiscal Year Tons	40,134.68		Fiscal Year Tons	128,943.59		Fiscal Year Tons	464,671.58	
Total Tons Disposed to Date	790,119.16		Total Tons Disposed to Date	1,980,217.00		Total Tons Disposed to Date	14,795,145.00	
* Average Tons per Year	29,165.34		* Average Tons per Year	104,519.40		* Average Tons per Year	642,788.95	
Volume Used	1,299,757		Volume Used	3,697,957		Volume Used	17,968,422	
Volume Constructed	1,795,525		Volume Constructed	5,346,500		Volume Constructed	21,305,000	
Total Permitted Volume	4,945,525		Total Permitted Volume	20,724,550		Total Permitted Volume	33,785,000	
* Compaction Density	0.61		* Compaction Density	0.54		* Compaction Density	0.82	
* Remaining Volume for Future Construction	495,768		* Remaining Volume for Future Construction	1,648,543		* Remaining Volume for Future Construction	3,336,578	
* Remaining Permitted Volume	3,645,768		* Remaining Permitted Volume	17,026,593		* Remaining Permitted Volume	15,816,578	
* Approximate Constructed Remaining in Tons	301,376.2		* Approximate Constructed Remaining in Tons	882,777.4		* Approximate Constructed Remaining in Tons	2,747,328.4	
* Approximate Constructed Remaining in Years	10.3		* Approximate Constructed Remaining in Years	8.4		* Approximate Constructed Remaining in Years	4.3	
* Remaining Constructed in Fiscal Year Tons	7.5		* Remaining Constructed in Fiscal Year Tons	6.8		* Remaining Constructed in Fiscal Year Tons	5.9	
* Approximate Total Permitted Volume Remaining in Tons	2,216,254		* Approximate Total Permitted Volume Remaining in Tons	9,117,561		* Approximate Total Permitted Volume Remaining in Tons	13,023,323	
* Approximate Total Permitted Volume Remaining in Years	76.0		* Approximate Total Permitted Volume Remaining in Years	87.2		* Approximate Total Permitted Volume Remaining in Years	20.3	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	55.2		* Approximate Total Tonnage Remaining in Fiscal Year Tons	70.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	28.0	

* Calculation equations described on last page of this report.

New Hanover	6504-MSWLF-1981	MSW	New Hanover	6504-MSWLF-2017	MSW	Onslow	6708-MSWLF-1997	MSW
New Hanover County Landfill			New Hanover County Landfill			Camp Lejeune MSW Landfill		
Open Date	8/24/1981		Open Date	1/23/2019		Open Date	1/1/1998	
Survey Date	5/15/2019		Survey Date	5/15/2019		Survey Date	6/17/2019	
Years Open	37.7		Years Open	0.3		Years Open	21.5	
Fiscal Year Tons	286,807.63		Fiscal Year Tons	164,634.37		Fiscal Year Tons	26,693.63	
Total Tons Disposed to Date	7,600,666.00		Total Tons Disposed to Date	155,656.00		Total Tons Disposed to Date	853,818.18	
* Average Tons per Year	201,491.02		* Average Tons per Year	507,619.23		* Average Tons per Year	39,792.92	
Volume Used	9,158,837		Volume Used	187,227		Volume Used	2,098,497	
Volume Constructed	8,904,100		Volume Constructed	476,900		Volume Constructed	1,996,665	
Total Permitted Volume	8,904,100		Total Permitted Volume	15,779,090		Total Permitted Volume	4,089,000	
* Compaction Density	0.83		* Compaction Density	0.83		* Compaction Density	0.41	
* Remaining Volume for Future Construction	-254,737		* Remaining Volume for Future Construction	289,673		* Remaining Volume for Future Construction	-101,832	
* Remaining Permitted Volume	-254,737		* Remaining Permitted Volume	15,591,863		* Remaining Permitted Volume	1,990,503	
* Approximate Constructed Remaining in Tons	-211,399.2		* Approximate Constructed Remaining in Tons	240,827.1		* Approximate Constructed Remaining in Tons	-41,432.5	
* Approximate Constructed Remaining in Years	-1.0		* Approximate Constructed Remaining in Years	0.5		* Approximate Constructed Remaining in Years	-1.0	
* Remaining Constructed in Fiscal Year Tons	-0.7		* Remaining Constructed in Fiscal Year Tons	1.5		* Remaining Constructed in Fiscal Year Tons	-1.6	
* Approximate Total Permitted Volume Remaining in Tons	-211,399		* Approximate Total Permitted Volume Remaining in Tons	12,962,698		* Approximate Total Permitted Volume Remaining in Tons	809,879	
* Approximate Total Permitted Volume Remaining in Years	-1.0		* Approximate Total Permitted Volume Remaining in Years	25.5		* Approximate Total Permitted Volume Remaining in Years	20.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	-0.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	78.7		* Approximate Total Tonnage Remaining in Fiscal Year Tons	30.3	
Onslow	6709-MSWLF-1997	MSW	Person	7304-MSWLF-1997	MSW	Randolph	7607-MSWLF-2015	MSW
Onslow County Subtitle-D Landfill			Upper Piedmont Reg Landfill			Great Oak Landfill		
Open Date	1/1/1998		Open Date	7/30/1997		Open Date	12/29/2016	
Survey Date	5/14/2019		Survey Date	12/18/2018		Survey Date	1/6/2019	
Years Open	21.4		Years Open	21.4		Years Open	2.0	
Fiscal Year Tons	175,750.00		Fiscal Year Tons	243,291.12		Fiscal Year Tons	556,125.76	
Total Tons Disposed to Date	2,635,794.00		Total Tons Disposed to Date	4,915,691.00		Total Tons Disposed to Date	850,013.00	
* Average Tons per Year	123,378.67		* Average Tons per Year	229,862.52		* Average Tons per Year	420,687.33	
Volume Used	3,871,800		Volume Used	6,134,169		Volume Used	1,389,860	
Volume Constructed	4,792,780		Volume Constructed	11,340,000		Volume Constructed	7,526,000	
Total Permitted Volume	9,925,630		Total Permitted Volume	17,400,000		Total Permitted Volume	38,414,389	
* Compaction Density	0.68		* Compaction Density	0.80		* Compaction Density	0.61	
* Remaining Volume for Future Construction	920,980		* Remaining Volume for Future Construction	5,205,831		* Remaining Volume for Future Construction	6,136,140	
* Remaining Permitted Volume	6,053,830		* Remaining Permitted Volume	11,265,831		* Remaining Permitted Volume	37,024,529	
* Approximate Constructed Remaining in Tons	626,972.9		* Approximate Constructed Remaining in Tons	4,171,756.0		* Approximate Constructed Remaining in Tons	3,752,751.2	
* Approximate Constructed Remaining in Years	5.1		* Approximate Constructed Remaining in Years	18.1		* Approximate Constructed Remaining in Years	8.9	
* Remaining Constructed in Fiscal Year Tons	3.6		* Remaining Constructed in Fiscal Year Tons	17.1		* Remaining Constructed in Fiscal Year Tons	6.7	
* Approximate Total Permitted Volume Remaining in Tons	4,121,248		* Approximate Total Permitted Volume Remaining in Tons	9,028,011		* Approximate Total Permitted Volume Remaining in Tons	22,643,526	
* Approximate Total Permitted Volume Remaining in Years	33.4		* Approximate Total Permitted Volume Remaining in Years	39.3		* Approximate Total Permitted Volume Remaining in Years	53.8	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	23.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	37.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	40.7	

* Calculation equations described on last page of this report.

Robeson	7803-MSWLF-1997	MSW	Rockingham	7904-MSWLF-1995	MSW	Rowan	8003-MSWLF-1988	MSW
Robeson County Landfill			Rockingham County Landfill			Rowan County Landfill		
Open Date	1/1/1998		Open Date	5/5/1995		Open Date	12/1/1989	
Survey Date	6/3/2019		Survey Date	5/16/2019		Survey Date	6/4/2019	
Years Open	21.4		Years Open	24.0		Years Open	29.5	
Fiscal Year Tons	115,688.60		Fiscal Year Tons	137,336.84		Fiscal Year Tons	142,631.33	
Total Tons Disposed to Date	1,907,159.00		Total Tons Disposed to Date	1,874,551.00		Total Tons Disposed to Date	2,850,788.00	
* Average Tons per Year	89,043.82		* Average Tons per Year	78,008.40		* Average Tons per Year	96,617.83	
Volume Used	2,608,421		Volume Used	3,390,570		Volume Used	4,662,839	
Volume Constructed	4,421,333		Volume Constructed	3,079,880		Volume Constructed	5,437,000	
Total Permitted Volume	6,124,298		Total Permitted Volume	8,873,899		Total Permitted Volume	15,071,000	
* Compaction Density	0.73		* Compaction Density	0.55		* Compaction Density	0.61	
* Remaining Volume for Future Construction	1,812,912		* Remaining Volume for Future Construction	-310,690		* Remaining Volume for Future Construction	774,161	
* Remaining Permitted Volume	3,515,877		* Remaining Permitted Volume	5,483,329		* Remaining Permitted Volume	10,408,161	
* Approximate Constructed Remaining in Tons	1,325,518.9		* Approximate Constructed Remaining in Tons	-171,771.8		* Approximate Constructed Remaining in Tons	473,310.1	
* Approximate Constructed Remaining in Years	14.9		* Approximate Constructed Remaining in Years	-2.2		* Approximate Constructed Remaining in Years	4.9	
* Remaining Constructed in Fiscal Year Tons	11.5		* Remaining Constructed in Fiscal Year Tons	-1.3		* Remaining Constructed in Fiscal Year Tons	3.3	
* Approximate Total Permitted Volume Remaining in Tons	2,570,650		* Approximate Total Permitted Volume Remaining in Tons	3,031,579		* Approximate Total Permitted Volume Remaining in Tons	6,363,389	
* Approximate Total Permitted Volume Remaining in Years	28.9		* Approximate Total Permitted Volume Remaining in Years	38.9		* Approximate Total Permitted Volume Remaining in Years	65.9	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	22.2		* Approximate Total Tonnage Remaining in Fiscal Year Tons	22.1		* Approximate Total Tonnage Remaining in Fiscal Year Tons	44.6	
Sampson	8202-MSWLF-2000	MSW	Stanly	8401-MSWLF-1999	MSW	Surry	8606-MSWLF-1998	MSW
Sampson County Disposal, LLC			Albemarle, City of Landfill			Surry County MSWLF		
Open Date	2/22/1999		Open Date	5/20/1999		Open Date	12/1/1998	
Survey Date	1/16/2019		Survey Date	6/14/2019		Survey Date	5/30/2019	
Years Open	19.9		Years Open	20.1		Years Open	20.5	
Fiscal Year Tons	1,767,086.77		Fiscal Year Tons	54,136.90		Fiscal Year Tons	59,412.90	
Total Tons Disposed to Date	2,248,065.00		Total Tons Disposed to Date	942,742.86		Total Tons Disposed to Date	1,273,693.83	
* Average Tons per Year	112,975.47		* Average Tons per Year	46,976.38		* Average Tons per Year	62,153.20	
Volume Used	1,753,884		Volume Used	1,633,272		Volume Used	2,419,186	
Volume Constructed	33,146,668		Volume Constructed	2,740,403		Volume Constructed	3,440,455	
Total Permitted Volume	56,600,000		Total Permitted Volume	4,970,842		Total Permitted Volume	5,932,026	
* Compaction Density	1.28		* Compaction Density	0.58		* Compaction Density	0.53	
* Remaining Volume for Future Construction	31,392,784		* Remaining Volume for Future Construction	1,107,131		* Remaining Volume for Future Construction	1,021,269	
* Remaining Permitted Volume	54,846,116		* Remaining Permitted Volume	3,337,570		* Remaining Permitted Volume	3,512,840	
* Approximate Constructed Remaining in Tons	40,238,133.7		* Approximate Constructed Remaining in Tons	639,048.4		* Approximate Constructed Remaining in Tons	537,694.9	
* Approximate Constructed Remaining in Years	356.2		* Approximate Constructed Remaining in Years	13.6		* Approximate Constructed Remaining in Years	8.7	
* Remaining Constructed in Fiscal Year Tons	22.8		* Remaining Constructed in Fiscal Year Tons	11.8		* Remaining Constructed in Fiscal Year Tons	9.1	
* Approximate Total Permitted Volume Remaining in Tons	70,299,765		* Approximate Total Permitted Volume Remaining in Tons	1,926,483		* Approximate Total Permitted Volume Remaining in Tons	1,849,499	
* Approximate Total Permitted Volume Remaining in Years	622.3		* Approximate Total Permitted Volume Remaining in Years	41.0		* Approximate Total Permitted Volume Remaining in Years	29.8	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	39.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	35.6		* Approximate Total Tonnage Remaining in Fiscal Year Tons	31.1	

* Calculation equations described on last page of this report.

Transylvania	8807-MSWLF-1990	MSW	Wake	9222-MSWLF-2008	MSW	Wayne	9606-MSWLF-1998	MSW
Transylvania County Landfill			Wake County South Wake MSWLF			Wayne County Landfill		
Open Date	6/13/1990		Open Date	2/7/2008		Open Date	1/26/1998	
Survey Date	5/31/2019		Survey Date	7/2/2019		Survey Date	6/19/2019	
Years Open	29.0		Years Open	11.4		Years Open	21.4	
Fiscal Year Tons	25,385.00		Fiscal Year Tons	506,581.00		Fiscal Year Tons	82,806.83	
Total Tons Disposed to Date	595,136.00		Total Tons Disposed to Date	4,914,124.00		Total Tons Disposed to Date	1,662,730.85	
* Average Tons per Year	20,547.63		* Average Tons per Year	431,151.52		* Average Tons per Year	77,721.07	
Volume Used	1,055,955		Volume Used	6,936,435		Volume Used	2,564,087	
Volume Constructed	1,387,090		Volume Constructed	8,691,290		Volume Constructed	2,327,598	
Total Permitted Volume	1,387,090		Total Permitted Volume	31,075,212		Total Permitted Volume	5,365,695	
* Compaction Density	0.56		* Compaction Density	0.71		* Compaction Density	0.65	
* Remaining Volume for Future Construction	331,135		* Remaining Volume for Future Construction	1,754,855		* Remaining Volume for Future Construction	-236,489	
* Remaining Permitted Volume	331,135		* Remaining Permitted Volume	24,138,777		* Remaining Permitted Volume	2,801,608	
* Approximate Constructed Remaining in Tons	186,627.6		* Approximate Constructed Remaining in Tons	1,243,228.7		* Approximate Constructed Remaining in Tons	-153,355.8	
* Approximate Constructed Remaining in Years	9.1		* Approximate Constructed Remaining in Years	2.9		* Approximate Constructed Remaining in Years	-2.0	
* Remaining Constructed in Fiscal Year Tons	7.4		* Remaining Constructed in Fiscal Year Tons	2.5		* Remaining Constructed in Fiscal Year Tons	-1.9	
* Approximate Total Permitted Volume Remaining in Tons	186,628		* Approximate Total Permitted Volume Remaining in Tons	17,101,140		* Approximate Total Permitted Volume Remaining in Tons	1,816,756	
* Approximate Total Permitted Volume Remaining in Years	9.1		* Approximate Total Permitted Volume Remaining in Years	39.7		* Approximate Total Permitted Volume Remaining in Years	23.4	
* Approximate Total Tonnage Remaining in Fiscal Year Tons	7.4		* Approximate Total Tonnage Remaining in Fiscal Year Tons	33.8		* Approximate Total Tonnage Remaining in Fiscal Year Tons	21.9	
Wilkes	9704-MSWLF-1993	MSW						
Wilkes County MSWLF								
Open Date	10/7/1993							
Survey Date	3/27/2019							
Years Open	25.5							
Fiscal Year Tons	61,060.69							
Total Tons Disposed to Date	1,329,759.00							
* Average Tons per Year	52,213.98							
Volume Used	2,845,270							
Volume Constructed	2,892,662							
Total Permitted Volume	4,661,952							
* Compaction Density	0.47							
* Remaining Volume for Future Construction	47,392							
* Remaining Permitted Volume	1,816,682							
* Approximate Constructed Remaining in Tons	22,149.0							
* Approximate Constructed Remaining in Years	0.4							
* Remaining Constructed in Fiscal Year Tons	0.4							
* Approximate Total Permitted Volume Remaining in Tons	849,040							
* Approximate Total Permitted Volume Remaining in Years	16.3							
* Approximate Total Tonnage Remaining in Fiscal Year Tons	13.9							

* Calculation equations described on last page of this report.

Calculated Values:
$$\text{Average Tons} = (\text{Total Tons Received}) / (\text{Years Open})$$
$$\text{Compaction Density} = (\text{Total Tons}) / (\text{Volume Used})$$
$$\text{Remaining Volume for Future Construction} = (\text{Volume Constructed}) - (\text{Volume Used})$$
$$\text{Remaining Permitted Volume} = (\text{Volume Overall}) - (\text{Volume Used})$$
$$\text{Approximate Constructed Remaining in Tons} = (\text{Volume Constructed Remaining}) \times (\text{Compaction Density})$$
$$\text{Approximate Constructed Remaining in Years} = (\text{Volume Constructed Remaining in Tons}) / (\text{Average Tons})$$
$$\text{Remaining Constructed in Fiscal Year Tons} = (\text{Volume Constructed Remaining in Tons}) / (\text{Fiscal Year Tons})$$
$$\text{Approximate Total Permitted Volume Remaining in Tons} = (\text{Volume Overall Remaining}) \times (\text{Compaction Density})$$
$$\text{Approximate Total Permitted Volume Remaining in Years} = (\text{Volume Overall Remaining in Tons}) / (\text{Average Tons})$$
$$\text{Approximate Total Tonnage Remaining in Fiscal Year Tons} = (\text{Volume Overall Remaining in Tons}) / (\text{Fiscal Year Tons})$$

Number of Reports: 100

Note:

The data for these calculations are collected from Annual Facility Reports.

The calculations are based on historic tonnage and compaction density data. The approximations may be affected by changes in operations, waste stream characteristics or growth.